

02136358 SAMPIT RIVER NEAR SAMPIT, SC

LOCATION.--Lat 33°22'43'', long 79°23'00'', Georgetown County, Hydrologic Unit 03040207, on right upstream side of the 3-V chemical dock, 3.6 mi upstream of U.S. Highway 17 bridge in Georgetown.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--January 2005 to September 2005.

GAGE.--Data collection platform. Elevation of gage is 19 ft below NGVD of 1929 (from topographic map).

REMARKS.--Records good. This site is strongly affected by astronomical tides. The astronomical tides occur at primary harmonic periods of 12.42 hours for semi-diurnal tides and 24.84 hours for diurnal tides. Previously published 24-hour daily mean discharge for this site may have been affected by aliasing due to tides and, thus, may contain spurious fluctuations or oscillations that were not indicative of net downstream discharge. Daily mean discharges published for water years 1995-2001.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 10,300 ft³/s, Sep. 17, 2005, maximum gage height, 26.32 ft, Feb. 18, 2005; minimum discharge, -8,750 ft³/s, Sep. 16, 2005, minimum gage height, 18.88 ft, Mar. 12, 2005.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 10,300 ft³/s, Sep. 17, maximum gage height, 26.32 ft, Feb. 18; minimum discharge, -8,750 ft³/s, Sep. 16, minimum gage height, 18.88 ft, Mar. 12.

Discharge, cubic feet per second
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	---	---	---	---	---	---	---	---	---	---	6790	-3960
2	---	---	---	---	---	---	---	---	---	---	5580	-4130
3	---	---	---	---	---	---	---	---	---	---	6040	-3680
4	---	---	---	---	---	---	---	---	---	---	7620	-4910
5	---	---	---	---	---	---	---	---	8210	-7060	7430	-4120
6	---	---	---	---	---	---	---	---	9110	-7650	8250	-5760
7	---	---	---	---	---	---	---	---	9160	-7880	7250	-5320
8	---	---	---	---	---	---	---	---	9270	-7840	9650	-6320
9	---	---	---	---	---	---	---	---	8600	-7740	8820	-6280
10	---	---	---	---	---	---	---	---	8970	-6480	7660	-6340
11	---	---	---	---	---	---	---	---	7810	-5740	7860	-6030
12	---	---	---	---	---	---	---	---	7730	-6150	7140	-5590
13	---	---	---	---	---	---	---	---	6780	-5420	6980	-5180
14	---	---	---	---	---	---	---	---	6460	-4950	7050	-5390
15	---	---	---	---	---	---	---	---	4800	-3780	6770	-4940
16	---	---	---	---	---	---	---	---	4990	-3940	6140	-7540
17	---	---	---	---	---	---	---	---	5200	-3940	6600	-5490
18	---	---	---	---	---	---	---	---	6360	-3930	5960	-5460
19	---	---	---	---	---	---	---	---	5270	-4000	7060	-5150
20	---	---	---	---	---	---	---	---	---	---	6550	-4870
21	---	---	---	---	---	---	6990	-6220	---	---	6420	-4560
22	---	---	---	---	---	---	8030	-6490	---	---	7200	-5300
23	---	---	---	---	---	---	6180	-4020	---	---	7540	-6890
24	---	---	---	---	---	---	7410	-6030	---	---	8310	-5530
25	---	---	---	---	---	---	7780	-5770	---	---	8230	-6480
26	---	---	---	---	---	---	7610	-6160	7500	-5940	7890	-6660
27	---	---	---	---	---	---	6820	-6030	7600	-7580	7920	-6440
28	---	---	---	---	---	---	7040	-6150	8430	-6120	7980	-6450
29	---	---	---	---	---	---	6810	-5860	---	---	8560	-5950
30	---	---	---	---	---	---	7060	-5140	---	---	8110	-5890
31	---	---	---	---	---	---	---	---	---	---	7270	-5370
MONTH	---	---	---	---	---	---	---	---	---	---	9650	-7540

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Discharge, cubic feet per second
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	8250	-5930	8180	-5150	7660	-6600	7900	-5730	7440	-5780	7510	-6070
2	---	---	7550	-5850	8070	-6300	7190	-6010	7800	-6340	8010	-6210
3	5700	-4040	7950	-6060	7730	-6230	7060	-5020	8220	-6410	7920	-5950
4	6780	-5170	7700	-6220	9170	-6500	6980	-4600	7750	-6240	7610	-6720
5	7360	-5480	8140	-6660	8630	-6660	6990	-5220	7670	-6370	7610	-6590
6	7640	-5960	8530	-6570	8230	-6320	6540	-5010	8090	-5970	7620	-6850
7	---	---	8420	-7030	7920	-5990	6140	-5120	8380	-6260	7450	-6800
8	---	---	8980	-7520	8310	-6210	6710	-4770	7670	-5540	7960	-6240
9	---	---	8980	-7060	8120	-5390	6370	-4490	7300	-5360	7030	-6220
10	---	---	8510	-6650	7020	-5350	6330	-4430	7640	-5300	7410	-5910
11	---	---	8130	-5860	7480	-5290	5810	-4160	6860	-4920	7460	-6160
12	7700	-6660	7420	-4600	7010	-5020	5850	-4040	6580	-4720	8550	-6390
13	7290	-5830	6670	-5440	6460	-5020	5040	-4430	6670	-4840	7990	-6860
14	6350	-6120	6750	-5440	5730	-4540	5610	-4380	7290	-5360	7320	-5080
15	6310	-5970	6390	-4480	5910	-4290	5740	-4150	6820	-5450	8830	-8070
16	6470	-5450	6010	-3960	6110	-4410	6490	-4580	7880	-6680	9680	-8750
17	7190	-6130	6490	-4150	7390	-5660	6540	-5360	8870	-7240	10300	-8520
18	6960	-5740	7350	-4770	8600	-6600	7580	-5830	9180	-7870	9210	-7850
19	5930	-4520	7650	-5690	8980	-8180	7390	-6390	9790	-7520	9510	-7800
20	6460	-4500	7940	-5680	9180	-8530	7800	-6670	8650	-7510	9310	-7730
21	7650	-5160	9280	-7570	9160	-8010	8360	-7220	9520	-7340	8610	-6850
22	7520	-6530	9400	-7490	8980	-7440	8230	-7450	9160	-6960	8380	-6800
23	7780	-5550	9460	-7560	8980	-7730	8930	-7410	8270	-6660	7280	-6030
24	7920	-6110	9190	-7600	9040	-7780	8400	-7490	7910	-6430	7150	-5330
25	7920	-5790	8370	-8180	8920	-7570	8880	-6690	7530	-6700	6450	-5500
26	7280	-6150	9760	-7650	8600	-7080	7850	-6340	8180	-7160	7080	-5350
27	7570	-5570	9010	-7340	7760	-6260	7460	-5680	7080	-5620	6480	-4680
28	7540	-5130	8960	-7340	7850	-5500	7320	-5390	6230	-5530	6820	-5990
29	7630	-5410	8040	-6450	7880	-5220	7810	-6400	6970	-5660	7760	-5840
30	7360	-5830	7770	-6450	8280	-5730	7400	-5300	7200	-5810	7730	-6620
31	---	---	8250	-6570	---	---	6300	-4590	7380	-5390	---	---
MONTH	---	---	9760	-8180	9180	-8530	8930	-7490	9790	-7870	10300	-8750